# XP-002259896

AN - 2002-323692 [36]
AP - JP20000232786 20000801
CPY - MITA
DC - A23 A25 A93 A95
FS - CPI
IC - C08G18/42 ; C08G63/91
MC - A05-G02 A10-D A10-D05
PA - (MITA ) MITSUI CHEM INC
PN - JP2002047329 A 20020212 DW200236 C08G18/42 010pp
PR - JP20000232786 20000801
XA - C2002-094207
XIC - C08G-018/42 ; C08G-063/91
AB - JP2002047329 NOVELTY - Aromatic ester polyol is obtained by reacting glycol and polyalkylene phthalate resin. Aromatic ester polyol has hydroxyl value of 20 or 100 mgKOH/g, acid value of less than 0.4 mgKOH/g, metal content of less than 100 mu g/g, and 2-65 mass% of phenyl dicarboxylate.
- DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: (i) Manufacture of aromatic polyester polyol which involve reacting polyalkylene phthalate and glycol, and azeotropic dehydrating using solvent in azeotrope with water in the presence glycol; (ii) Polyurethane resin obtained by reacting aromatic polyester polyol and polyisocyanate.
- USE - For polyurethane resin for elastomers and foams.
- ADVANTAGE - Aromatic polyester polyol is novel and has high mechanical strength and low impact resilience. The polyol enables effective recycle of polyethylene phthalate resin used for bottles, hence conserves resources and decreases waste material. The aromatic polyester polyol eliminates the need for a base for neutralization, and can be prepared by a simple method.
- (Dwg.0/0)
IW - AROMATIC ESTER POLYURETHANE RESIN OBTAIN REACT GLYCOL PHTHALATE RESIN PRESET HYDROXYL VALUE ACID VALUE PHENYL CONTENT METAL CONTENT
IKW - AROMATIC ESTER POLYURETHANE RESIN OBTAIN REACT GLYCOL PHTHALATE RESIN PRESET HYDROXYL VALUE ACID VALUE PHENYL CONTENT METAL CONTENT
NC - 001
OPD - 2000-08-01
ORD - 2002-02-12
PAW - (MITA ) MITSUI CHEM INC
TI - Aromatic ester polyol for polyurethane resin, is obtained by reacting glycol and polyalkylene phthalate resin, and has preset hydroxyl value, acid value, phenyl dicarboxylate content and metal content
A01 - [001] 018 ; G1843-R D01 F73 ; H0033 H0011 ; P0931-R P1592 P0839 H0260 H0011 H0044 F41 F77 D01 D63 ; L9999 L2528 L2506 ; L9999 L2824 ; H0124-R ; S9999 S1309-R ; P0919 P0839 F41 D01 D63 ; M9999 M2186 ; L9999 L2391 ; L9999 L2197 L2186 ; P0884 P1978 P0839 H0293 F41 D01 D11 D10 D19 D18 D31 D50 D63 D90 E21 E00
- [002] 018 ; ND04 ; N9999 N6906 ; B9999 B4900 B4740 ; B9999 B4751 B4740 ; B9999 B5094 B4977 B4740 ; B9999 B4091-R B3838 B3747 ; B9999 B4171 B4091 B3838 B3747 ; B9999 B4024 B3963 B3930 B3838 B3747
- [003] 018 ; R00947 G1025 G0997 D01 D11 D10 D50 D86 F28 F26 F34 ; H0226

- [004] 018 ; R01644 G3054 D01 D11 D10 D50 D93 Ti 4B Tr O- 6A ; C999 C102 C000 ; C999 C306